CLAIMS: The following is a listing of all claims in the application with their status and the text of all active claims.

Claims 1 through 9 (Canceled)

10. (Previously presented) An electrical connector for interconnecting a plurality of high frequency signals from a first end of said connector to a second end of said connector comprising:

a connector body of rigid dielectric material having a plurality of passageways each extending from said first connector end to said second connector end; and

a plurality of conductor members each respectively positioned in one of said plurality of passageways and extending between said first connector end and said second connector end;

each said conductor member comprising a continuous strip of uniform thickness flexible dielectric material extending from said first connector end to said second connector end and first and second conductive traces positioned respectively along, formed on opposite surfaces, and separated by the thickness of said strip of flexible dielectric material which extend from said first connector end to said second connector end.

11. (Original) The electrical connector of claim 10 wherein said first conductive trace is a signal trace and said second conductive trace is a reference trace.

12. (Original) The electrical connector of claim 11 wherein said connector interconnects high frequency circuits and each of said conductor members is designed with the widths of said signal trace and said reference trace and the thickness of the dielectric separating said signal and reference traces selected to produce an impedance that matches the impedance of a high frequency circuit connected thereto.

13. (Original) The electrical connector of claim 12 wherein said reference traces are ground traces.

14. (Original) The electrical connector of claim 12 wherein each said signal trace is a true phase of a differential signal and each said reference trace is a complimentary phase of the associated differential signal.

15. (Original) The electrical connector of claim 12 wherein at least one of said plurality of conductor members has an impedance differing from the impedance of others of said plurality of conductor members to match high frequency circuits having differing impedances.